

DECLASSIFIED

MONTHLY BULLETIN

13 1943

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WEATHER BUREAU

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

MARCH, 1943

J. A. BROWN, DIRECTOR

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MARCH 1943

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	64.9	62.8	63.2	63.6	17.0	9.4	12.8	16.2	11.2	13.4
2	0.5	59.2	0.3	0.0	15.8	8.9	12.7	13.2	10.8	12.2
3	1.5	61.3	2.5	1.8	17.1	10.6	14.4	15.7	12.2	14.1
4	2.6	1.8	1.9	2.1	17.2	10.6	12.3	15.9	12.1	13.5
5	1.2	59.8	0.7	0.6	14.5	2.3	14.1	13.1	6.1	11.1
6	61.4	62.4	65.7	63.2	10.1	2.4	3.0	7.1	7.6	5.9
7	9.6	9.6	9.9	9.7	14.5	7.4	10.1	13.6	9.3	11.0
8	7.4	5.3	4.1	5.7	17.1	10.3	11.9	15.6	12.7	13.4
9	3.0	2.2	3.6	2.9	16.7	11.2	13.8	15.1	12.5	13.8
10	4.5	4.3	5.1	4.8	14.6	9.6	12.2	13.7	11.1	12.3
11	66.8	65.5	64.9	65.6	16.9	11.3	12.9	15.8	12.7	13.8
12	3.3	0.5	58.0	0.6	21.9	15.7	15.9	18.3	17.3	17.2
13	56.1	53.8	5.3	55.1	19.4	12.8	17.7	18.2	14.1	16.7
14	5.4	5.2	5.6	5.4	19.2	10.7	17.1	18.9	11.9	16.0
15	5.9	5.4	6.6	6.0	18.0	10.7	13.3	16.9	11.9	14.0
16	56.9	56.8	59.0	57.6	18.9	11.8	15.6	17.8	13.9	15.8
17	9.7	9.3	60.5	9.8	18.8	11.3	15.8	17.7	12.4	15.3
18	61.6	61.0	1.3	61.3	19.0	11.4	14.8	18.2	13.3	15.4
19	59.3	56.5	54.8	6.9	19.7	14.6	15.9	18.3	15.3	16.6
20	1.4	0.3	2.7	1.5	23.1	11.4	19.4	19.8	13.8	17.7
21	51.8	52.4	53.2	52.5	16.2	12.5	16.1	15.6	13.3	15.0
22	3.6	5.4	6.8	5.3	17.1	12.2	15.5	14.7	14.8	15.0
23	8.9	8.4	9.6	9.0	18.8	11.9	15.3	17.8	12.4	15.2
24	9.3	8.9	8.9	9.0	18.1	10.0	14.1	12.9	10.1	12.4
25	7.3	8.5	60.4	8.7	13.0	9.0	11.1	10.2	10.5	10.6
26	61.1	61.1	62.8	61.7	13.2	5.8	10.5	12.2	6.7	9.8
27	4.6	5.9	8.0	6.2	14.4	7.9	8.6	13.4	9.4	10.5
28	9.9	8.9	9.7	9.5	17.1	9.5	13.6	16.5	12.8	14.3
29	7.8	6.1	5.8	6.6	19.4	11.7	14.9	17.5	14.8	15.7
30	4.6	2.8	3.5	3.6	21.5	13.9	17.9	20.9	15.7	18.2
31	2.9	1.1	1.3	1.8	23.4	15.0	18.2	22.3	15.0	18.5
	59.17	58.46	59.21	58.97	17.47	10.44	13.92	15.90	12.19	14.01

Barometer, range for month 769.9 — 750.3 mm.

„ 62-yr. average for month 761.21 mm.

Thermometer, range for month 23° — 23.4°C .

„ 62-yr. average for month 16.21°C .

Rain, total for month 136.89 mm.

„ , 62-yr. average for month 89.15 mm.

„ , total, from Sept. 1st 1003.81 mm.

2-yr. average, total from Sept. 1st 804.67 mm

MARCH 1943

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean			
1	6.6	8.4	7.9	7.6	61	61	80	67	10.2	256.0	
2	7.7	8.0	7.3	7.7	71	70	76	72	1.6	424.0	2.29
3	7.9	9.5	8.2	8.5	65	71	78	71	8.9	376.0	
4	8.2	10.2	8.6	9.0	77	77	82	79	4.3	784.0	3.05
5	7.5	7.5	6.7	7.3	62	67	93	74	0.0	1232.0	10.16
6	5.5	6.0	4.9	5.5	96	80	62	79	0.4	408.0	18.79
7	6.0	6.8	6.4	6.4	56	58	72	65	10.1	400.0	
8	6.5	8.7	8.0	7.7	63	66	73	67	8.9	254.0	
9	8.3	8.5	8.5	8.4	70	67	78	72	8.6	624.0	
10	7.2	7.7	6.8	7.2	68	66	69	68	10.2	512.0	
11	6.4	7.4	8.2	7.3	58	56	75	63	9.1	328.0	
12	9.4	11.8	8.8	10.0	70	76	61	69	1.2	192.0	
13	10.8	9.7	10.2	10.2	71	62	86	73	8.5	368.0	4.32
14	9.9	11.2	8.9	10.0	63	69	86	74	8.1	408.0	1.52
15	8.9	10.8	9.7	9.8	78	76	93	82	5.5	512.0	10.16
16	9.3	10.0	10.1	9.8	71	66	85	74	8.1	152.0	0.25
17	10.0	11.1	9.9	10.3	75	74	92	80	8.0	192.0	5.98
18	10.4	11.3	10.4	10.7	83	73	91	82	8.9	200.0	1.02
19	9.9	11.4	11.5	10.9	74	73	87	78	7.3	208.0	
20	10.9	12.7	11.2	11.6	65	74	94	78	4.5	336.0	10.42
21	10.6	11.9	10.6	11.0	78	90	93	87	1.8	448.0	12.19
22	10.2	10.6	11.0	10.6	78	85	97	83	0.5	608.0	7.37
23	9.7	10.3	10.4	10.1	75	68	97	80	1.6	520.0	7.36
24	10.3	10.2	8.9	9.8	56	92	97	92	1.4	576.0	20.57
25	9.3	8.8	5.9	8.0	94	93	62	84	1.2	864.0	19.05
26	5.9	6.7	6.1	6.2	62	54	82	69	5.5	544.0	
27	6.8	6.2	6.4	6.5	83	54	72	70	8.7	208.0	2.29
28	7.2	8.5	7.7	7.8	62	62	70	65	9.9	336.0	
29	7.8	5.7	10.1	7.9	62	72	81	72	10.2	451.2	
30	8.9	13.0	12.1	11.3	58	70	91	73	9.9	288.0	
31	11.5	10.2	11.1	10.9	74	50	85	71	9.3	280.0	
	8.56	9.38	8.79	8.90	71.7	70.4	81.7	74.6	6.20	428.68	4.41

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G.C.T.

62 year averages are for period, 1875-1936

MARCH 1943

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	2cu	6cu	2.7	1se	1sw	0	slight	w. & rain 8:30 p.m.
2	10cu	10cu	1cu	7.0	3sw	2sw	0	"	
3	2cu	2ci	1ci	1.7	2sw	2sw	0	"	
4	6cu	2cu	10ni	6.0	1sw	1sw	4w	"	
5	10cu	10cu	10ni	10.0	4sw	3sw	5w	rough	3th. st. & g. at night
6	10ni	10cu	10cu	10.0	2ne	1sw	1sw	rough	snow covers all mts.
7	0	8ci	1ci	3.0	1sw	2n	1n	slight	
8	10ci	10cu	4ci	8.0	0	1ne	0	"	
9	8cu	4cu	0	4.0	0	2n	2n	mod.	
10	10cu	3cu	1cu	4.7	3n	2n	1n	"	
11	5ci	1ci	1ci	2.3	2ne	2ne	0	slight	
12	10cu	10cu	0	6.7	0	0	1e	"	h. & w. at night
13	10cu	8cu	7cu	8.3	1e	2se	0	mod.	tr. of rain a.m.
14	4cu	4cu	2cu	3.3	2se	1sw	0	slight	
15	10cu	9cu	10cu	9.7	2sw	2sw	0	"	
16	8stratus	1ci	6cu	5.0	1sw	1sw	0	slight	
17	1cu	1cu	9ni	3.7	1sw	0	1w	light	
18	6cu	1cu	5cu	4.0	1sw	1sw	0	slight	
19	0	1cu	10cu	3.7	0	1n	1ne	"	
20	10cu	10cu	10ni	10.0	0	2n	0	"	
21	10ni	10cu-ni	8cu	9.3	1sw	1n	0	mod.	
22	10cu	10ni	10ni	10.0	2nw	2sw	3sw	slight	
23	10cu-ni	7cu	10ni	9.0	2sw	2sw	1sw	mod.	
24	5cu	10ni	10ni	8.3	1sw	2sw	1sw	rough	many ths. p.m.
25	10ni	10ni	4cu	8.0	1sw	1sw	2n	"	w. at night
26	3cu	8cu	1cu	4.0	4nw	2sw	0	rough	th. of rain p.m.
27	10cu	1cu	0	3.7	0	2ne	0	slight	snow over mts.
28	0	8ci	2ci	3.3	1sw	1n	2n	"	
29	0	0	0	0.0	1ne	2ne	2n	"	h. a.m.
30	0	1ci	0	0.	0	3ne	1ne	"	
31	2ci	4ci	0	2.	2sw	0	0	"	dew a.m.
				4.66					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew ;
W = strong wind.

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	1	3	1	2	0	15	0	2	7	31
14:30	7	5	0	1	0	15	0	0	3	31
20:30	6	2	1	0	0	4	3	0	15	31
Totals	14	10	2	3	0	34	3	2	25	93

Number of days with rain 17, fog 0, thunderstorms 2, gale 1.

62 yr. av. days with rain during month 10.5 days